

[REDACTED]

The following sample(s) was/were submitted and identified on behalf of the clients as : MDF(12MM)

SGS Job No. : SHHL1702005732CB - SH
Manufacturer : [REDACTED]
Country of Origin : CHINA
Date of Sample Received : 16 Feb 2017
Testing Period : 16 Feb 2017 - 01 Mar 2017
Test Requested : Selected test(s) as requested by client.
Test Method : Please refer to next page(s).
Test Results : Please refer to next page(s).
Conclusion : When tested as specified, the formaldehyde emission level of submitted sample(s) pass the phase 2 formaldehyde emission level as specified in CARB ATCM section 93120.2(a) and Table 1.

Signed for and on behalf of
SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.



Serena Wang
Approved Signatory



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Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description
SN1	SHA17-024118.001	Natural coloured MDF board

Formaldehyde Emission

Test Requested : As per client's request, evaluation of formaldehyde emission level according to Final Regulation Order – Airborne Toxic Control Measure to Reduce Formaldehyde emissions from Composite Wood Product (CARB ATCM), title 17, California Code of Regulation, section 93120.2 (a) and Table 1.

Test Method : With reference to ASTM D6007-2014, analysis was performed by UV-Vis.

Test Item(s)	Unit	MDL	001
Formaldehyde Emission	ppm	0.01	0.06

Notes :

- (1) The scope of CARB ATCM is applicable for composite wood, but not for other wood products.
- (2) Formaldehyde emission test is one of the conformity criteria under CARB ATCM. Full conformity of a composite wood product happens provided that this composite wood fulfill all the requirement as stated in CARB ATCM title 17 section 93120 to 93120.12.
- (3) ppm = parts of formaldehyde per million parts air

Reference Limit:

Maximum Permissible Limit according to Section 93120.2, Title 17, California Code of Regulation:

Effective Date	Phase 1(P1) and Phase 2(P2) Emission Standards(ppm)				
	HWPW-VC	HWPW-CC	PB	MDF	Thin MDF
1-1-2009	P1:0.08	-----	P1:0.18	P1:0.21	P1:0.21
7-1-2009	-----	P1:0.08	-----	-----	-----
1-1-2010	P2:0.05	-----	-----	-----	-----
1-1-2011	-----	-----	P2:0.09	P2:0.11	-----
1-1-2012	-----	-----	-----	-----	P2:0.13
7-1-2012	-----	P2:0.05	-----	-----	-----

HWPW-VC = Veneer Core; HWPW-CC = Composite Core.



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Sample photo:



SGS authenticate the photo on original report only

*** End of Report ***



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